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| <b>Substitute for form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete If Known</b> |                        |
|   |   |    |   | Application Number       | 10/612,654-Conf. #5456 |
|   |   |    |   | Filing Date              | July 2, 2003           |
|   |   |    |   | First Named Inventor     |                        |
|   |   |    |   | Art Unit                 | 2173                   |
|   |   |    |   | Examiner Name            | Not Yet Assigned       |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 02008/114001           |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>3</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
|                          |                          |   |                                   |  |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |  |  |                |
|---------------------------------|--------------------------|--|--|----------------|
| Examiner<br>Initials            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  |  | T <sup>2</sup> |
| PK                              | CA                       | European Search Report issued for European application No. EP 03 10 1985 mailed on October 10, 2005, 3 pages   |  |                |
|                                 | CB                       | Katya Hill, et al., "A Rate Index for Augmentative and Alternative Communication" International Journal Of Speech Technology, ISSN: 1381-2416, vol. 5, no. 1, January 2002 (2002-01), pages 57-64, XP002344372   |  |                |
|                                 | CC                       | Ewa Dominowska, et al., "An Adaptive Context-Sensitive Communication Aid" Processings Of The CSUN'S 17th Annual International Conference "Technology and Persons with Disabilities", March 18-23, 2002., 18 March 2002 (2002-03-18), XP002344373   |  |                |
|                                 | CD                       | Russell Thomas Cross, et al., "Static and Dynamic Keyboards: Semantic Compaction in Both Worlds" Proc. of The 18th Annual Southeast Augmentative Communication Conference, 1997, pages 9-17, XP002344374   |  |                |
|                                 | CE                       | Chang S.K. et al., "Deriving The Meaning of Iconic Sentences for Augmentative Communication" Visual Languages, 1993., Proceedings 1993 IEEE Symposium on Bergen, Norway 24-27 Aug. 1993 (1993-08-24), Los Alamitos, CA, USA, IEEE Comput. Soc, US, 24 August 1993 (1993-08-24), pages 267-274, XP010032724 |  |                |
|                                 | CF                       | Chang S.K. et al., "A Methodology for Iconic Language Design with Application to Augmentative Communication" Visual Languages, 1992. Proceedings., 1992 IEEE Workshop on Seattle, WA, USA, IEEE Comput. Soc, US, 15 September 1992 (1992-09-15), pages 110-116, XP010094589                                |  |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--|--------------------|---------|
| Examiner<br>Signature |  | Date<br>Considered | 3/15/07 |
|-----------------------|--|--------------------|---------|

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## FORM PTO-1449 (MODIFIED)

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|---|-------------------------------------|-------------|
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | ATTY. DOCKET NO.:<br>02008.114001   | SERIAL NO.: |
|   | APPLICANT:<br>Kazumi SHIMADA et al. |             |
|   | FILING DATE:<br>[Herewith]          | ART UNIT:   |

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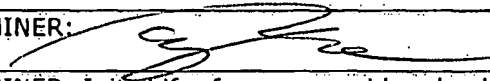
| EXAMINER INITIALS | REF | DOCUMENT NO. | DATE | APPLICANT'S OR PATENTEE'S NAME |
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|                   |     |              |      |                                |
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## FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | REF | DOCUMENT NO. | DATE      | COUNTRY | TRANSLATION |    |
|-------------------|-----|--------------|-----------|---------|-------------|----|
|                   |     |              |           |         | YES         | NO |
| PK<br>↓<br>✓      | A1  | 2002-123541  | 4/26/2002 | Japan   |             | X  |
|                   | A2  | 2001-249937  | 9/14/2001 | Japan   |             | X  |
|                   | A3  | 2003-108280  | 4/11/2003 | Japan   |             | X  |
|                   |     |              |           |         |             |    |

## OTHER DOCUMENTS

| EXAMINER INITIALS | REF | (Include Author, Title, Date, Pertinent Pages, etc.)                      |
|-------------------|-----|---|
| PK<br>↓<br>✓      | A4  | Patent Abstracts of Japan, Publication No. 2002-123541; 04/26/2002; 1 pg. |
|                   | A5  | Patent Abstracts of Japan, Publication No. 2001-249937; 9/14/2001; 1 pg.  |

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